

SNEAD & Company

Founded 1849



Steel

MOBILWALLS

SOUND PROOFED AND SOUND ABSORBING

Ninety Years of Specialized Experience in Architectural Metal Products

SNEAD & COMPANY FOUNDED IN 1849

Snead & Company have been engaged in the fabrication of metal products for ninety years. Executives and principal employees have been brought up in the business, assuring that excellent quality and workmanship which only years of experience can produce.

SNEAD MOBILWALLS AND PARTITIONS

Modern developments in the design of Snead Mobilwalls have resulted in a product which offers all the advantages of the fixed masonry wall, with the additional advantage and economy of re-use and rapid rearrangement.

New high standards of sound insulation and fireproofing are offered. All parts are functional. Lines are straight and simple. Exposed parts are roller-die processed. Vertical and horizontal members are designed to facilitate wiring or re-wiring. A wide selection of finishes to match any decorative scheme is available.

FUTURE SERVICE ASSURED

The management and ownership of Snead & Company have been continuous during its entire ninety years of corporate life, assuring a permanent source of supply for future requirements and replacement parts.

QUICK DELIVERY FROM STOCK

A large stock of standard units is always kept on hand ready to be finished as required and shipped on short notice.

SNEAD PLANNING SERVICE

The Snead staff of experienced engineers is available for consultation, the development of efficient layouts, and the creation of special designs to meet individual requirements to assure the most practical and efficient arrangement of available space—all without obligation.

SNEAD & COMPANY

MAIN OFFICE—Jersey City, N. J.

NEW YORK OFFICE—205 East 42nd Street

FACTORIES—Jersey City, N. J. and Orange, Va.



Fig. 1. Corridor built of Snead Mobilwalls Type SF-3, finished to match light cream building walls. Doors green. Base, black japan.

OTHER OFFICES

Snead & Company, 164 Newbury Street, Boston, Mass.

Snead & Company, 161 E. Erie Street, Chicago, Ill.

Agents in all principal cities

Snead Iron Works, Ltd., Toronto, Canada.

Luxfer, Ltd., 16 Bonhill Street, London, E. C. 2, England.

Forges de Strasbourg, 160 Rue Montmartre, Paris 2, France.

Etablissement G. Moens, 23 Chaussee de Charles Roi, Brussels, Belgium.

Parma Antonio & Figli, Saronno, Italy.

Mannesmann Stahlblechbau, A. G., Schicklerstrasse 7, Berlin, C 2, Germany.

A/S Viig, Vraalsen & A. P. Foss, Hasleveien, Oslo, Norway.

Precision Engineering Company, Wellington, New Zealand.

Wormald Brothers, Ltd., Young Street, Waterloo, Australia.

Snead Mobilwalls Keep Pace With Modern Building Construction

PERMANENT YET REMOVABLE

Snead Soundproof Mobilwalls meet the demand of architects and owners for a practical, movable, re-usable wall which offers the privacy, permanency and soundproofness of a masonry wall, not heretofore found in ordinary steel partitions. It is no longer a mere adaptation of the wood partition, but frankly utilizes all the advantages of steel construction.

RE-USABLE WITHOUT WASTE

Several types of Mobilwalls are offered which combine the general characteristics of fixed masonry walls with instant mobility. Panels and door units of the same size and type are interchangeable. Snead Mobilwalls are easily and economically erected, altered or rearranged whether of all steel or steel and glass. These walls reduce to a minimum the number of operations and the time required for erection. Changes can be made overnight without disturbing the routine of the office. There is no muss or dust. All units are 100% re-usable.

As field assembly is wholly accomplished by means of internal connections, the taking down and re-erection entail no danger of marring outside wall finish. There are no exposed screws or bolts.

SOUNDPROOFING AS DESIRED

Quiet in offices increases the efficiency of the occupants. The same degree of privacy is not necessary for all conditions. Different degrees of soundproofing to meet practically any requirement are available among the various types of Snead Mobilwalls.

OTHER GENERAL FEATURES

Units are locked in place by positive, self-aligning internal one-piece link plates resulting in rigid and true construction. These link plates also receive "snap-on" pilaster covers.

All members are made of best furniture grade steel, roller die-processed, giving uniformity, sharp definition of arrises, snug fit and cabinet work appearance.

FINISHES

Formerly masonry walls with abutting movable partitions invariably resulted in a two-color office. A wide range of light colors to match plastered wall finishes are now available if desired. Any other finishes are obtainable, including natural wood grain and fabric or wood veneer coverings of various kinds.



Fig. 2. Snead Mobilwall Type SF-3, finished in warm light gray. Black base.

Snead Mobilwalls are a Profitable Investment



Fig. 3. Snead Mobilwalls Type SF-3 in light buff, with doors in dark green, both matching building finishes. Base, black japan.

SNEAD MOBILWALLS COST LESS

While the question of "How much will it cost?" is of prime interest to the owner and the building operator, there are a number of factors which must be considered in evaluating the cost of walls and partitions.

These factors include:

1. Comparative First Cost and Cost of Making Changes—Snead Mobilwalls pay for themselves after the first alteration, and still retain their original investment value for future use and alterations, as is shown in the following analysis.

These figures are based upon costs from building contractors and operators for typical installations with a door, transom, glass and hardware.

	Masonry Wall	Snead Mobilwall
Original cost of wall.....	\$201.00	\$310.00
Cost of taking down the wall.....	29.00	11.00
Labor and new material cost to re-erect wall.....	125.00	38.00
Total invested after first change.....	\$355.00	\$359.00
The salvage value at this point is.....	76.00	300.00
Unrecoverable capital loss	\$279.00	\$ 59.00
Every subsequent change will cost.....	\$154.00	\$ 49.00

How many times will you change your office arrangement?

2. Maintenance Costs—Snead Mobilwalls cost less to maintain. The durable baked-enamel finishes are practically indestructible. The finish is not marred or parts injured in alterations. Cleaning costs are cut to a minimum as there are no dust-catching projections or ledges.

3. Other Generally Unconsidered Costs — When masonry walls are torn down and rebuilt the cost is far greater than the money actually spent for labor and materials, viz.,

(a) Space lost to use during the alteration.

(b) Loss due to disturbance of employees and general interruption of business.

(c) Cleaning expense and damage to typewriters and other costly business machines caused by dust, dirt and dampness incidental to removal and re-erection of old-fashioned masonry walls.

(d) The unknown cost occasioned by not making changes which should be made, but are not made because of the hesitancy of facing the difficulty of making them with masonry walls.

Each Rearrangement Pays Another Dividend

4. Permanence of Investment and Design — Snead Mobilwalls are modern, but not modernistic. They are designed and built on simple, straight functional lines, to harmonize with masonry walls and will not be out-moded in a few years. They are a real investment.

5. Saving of Time—In a few hours, overnight if necessary, Snead Mobilwalls can be erected or altered to suit the present needs of the business. Snead construction permits the easy removal of panels without disturbing adjacent units or top filler.

EASILY ERECTED—INTERCHANGEABLE

The simplicity of construction and ease of erection are outstanding features of Snead Mobilwalls. The main units are factory assembled. These units are locked together in the field with Snead link plates.

A door unit can be changed or re-located without dirt or muss in less than two hours. Snead precision construction makes this possible.

In the illustrations at the bottom of the page, note the 45° angle edges of the units and the method by which the link plates securely anchor the units and hold them rigid. This 45° feature permits three-way and four-way arrangements and corners to be made without the use of applied mouldings.

MINIMUM OF PARTS TO HANDLE AND STOCK

A multiplicity of loose parts increases erection costs and leads to inevitable losses of parts as well as time and money.

1. Snead construction requires no separate post members.

2. Only six parts are required for a complete unit; panel section, pilaster cover, cornice trim, cornice reinforcement, base cover and link plate.

CONCEALED WIRING

Wire-way base and all vertical and horizontal members are designed to carry light, telephone and annunciator wiring. Switches and outlets are readily installed in base and pilasters, which have removable covers for easy accessibility.



Fig. 4. Litter and dirt entirely absent during erection of Snead Mobilwalls Type SF-3.



Fig. 5. Snead Mobilwalls Type RF-1 being assembled in field. Note few parts required. Fig. 7, below, shows complete room.

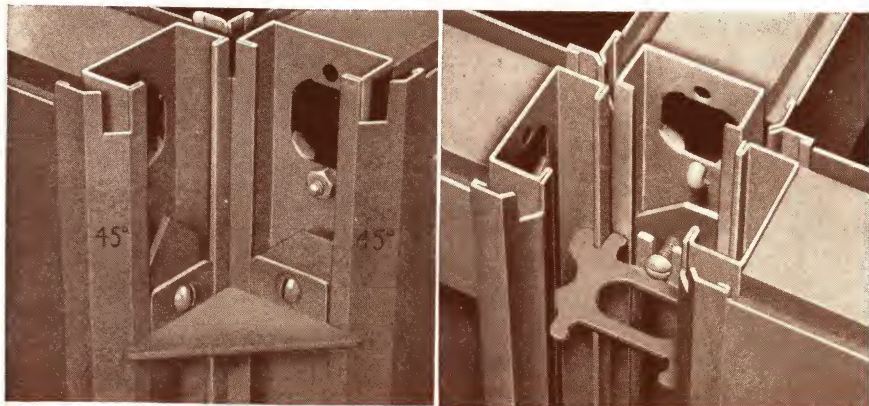


Fig. 6A
Typical corner condition for
all SF and RF Mobilwalls.

Fig. 6B. Three-way intersection, all
RF and SF types. Note wireway
chases and 45° panel verticals.



Fig. 7. Same room as above, after completion. Finish is grained walnut.



Fig. 8. Assuring privacy and freedom from corridor noises, Snead Mobilwall Type RF-1 with dado at 4'-0" height and light buff finish above.

FEATURES OF SNEAD SOUNDPROOF MOBILWALLS

Panels, posts, rails and top filler packed with inorganic insulating material, entire periphery sealed.

Door jambs equipped with felt strikes, automatic compression felt seals built into the door bottoms.

Double glazing where glass is used to give the degree of sound-proofing desired.

Snead Mobilwalls Reduce

GLOSSARY OF TERMS

NOISE: Any undesired sound.

RESIDUAL NOISE: All noise within an enclosure, originating from outside sources, such as street, building and vibration noises.

TONE AND PITCH: Frequency of vibrations in cycles per second.

DECIBEL: Unit of sound intensity.

Comfortable quiet (40 to 55 decibels) is necessary for efficient work. Distracting noise is always present. Snead Soundproof Mobilwalls, used to isolate a noise source, will prevent passage of 40 to 50 decibels of such noise. **THIS REDUCTION IS GREATER THAN IS OBTAINED WITH A TILE AND PLASTER WALL 5" to 6" IN THICKNESS.**

We are principally concerned with the isolation of distracting office noises (business machine and typewriter operation, buzz of conversation, the use of miscellaneous equipment, such as files, etc.), or their reduction to the Quiet Comfortable Range. This "quiet range," however, approximates most closely the range of room "residual noise" always present to the extent of 40 to 45 decibels. To reduce this residual or room noise level, sound absorbing material within the room is used. Snead Mobilwalls equipped with sound absorbing panels are furnished for this purpose.

Snead Soundproof Mobilwalls, in all cases, will lower the outside office sound level to that of the "residual" or room noise. No other wall can do more. The change in noise levels made possible by Snead Mobilwalls is shown in the accompanying "Table of Familiar Sounds".

For clerks and executives a reduction of noise throughout an eight hour day by as little as five decibels is a very profitable investment. Outside disturbances cause ill temper and nerve strain, which materially reduce efficiency. Actual records show that with noise source isolated, office errors have been reduced by as much as 50 percent.

TABLE OF FAMILIAR NOISES WITH THEIR INTENSITY SHOWN IN DECIBELS

DECIBELS		SOURCE OF NOISE
SNEAD MOBIL-WALLS Reduce Noise in This Range Down to THIS LEVEL	Deafening Noise Range	120 110 100 90 85
	Distracting Office Noise Range	80 75 70 65 60
		55 55
		45 40 35 30 25
		20 15 10 5 0
	Very Quiet Comfortable Range, Also Range of Residual Noise	55 55 45 40 35 30 25 20 15 10 5 0
	Extreme Quiet Not Commercially Practical for Offices	5 0
		Threshold of Audibility
		Threshold of Painful Feeling Artillery Firing Airplane Motor Subway Train Elevated Train from Street Business and Tabulating Machines Stenographic Room Office of 4 to 6 People Average Private Office Ordinary Conversation 3 ft. from Source Very Quiet Private Office Broadcasting Studio Whisper 4 Feet from Source Ordinary Breathing

Sound Transmission to a Minimum

SNEAD MOBILWALLS SELECTED AS RESULT OF COMPARATIVE TESTS ON MASONRY AND SOUNDPROOF STEEL WALLS

Some of the most elaborate acoustical tests ever made on masonry vs. sound insulated steel walls were in connection with the large office building constructed by Compagnie Parisienne de Distribution d'Électricité, in Paris, France. Snead Soundproof Mobilwalls were the only type that proved to be more soundproof than masonry.

Tests showed this type of wall to be more efficient than plaster block walls weighing 110 kilograms per square meter. Over a range of pitch limits from 100 cycles per second to 6,900, Snead Mobilwalls gave better sound insulation than 4 in. tile-and-plaster walls by a ratio of 22.9 to 20.05. The ratio over the competing insulated steel wall was 22.9 to 9.3.

Reverberation, resonance from percussion, sound absorption and other practical acoustical factors were measured. The official report published in the "Science in Industry" edition of "Travaux" particularly stressed the soundproof characteristics of Snead Mobilwall construction.

As a result of these tests, the architect, M. Urban Cassan, specified Snead Soundproof Mobilwalls for 14½ miles of corridor and office walls, wainscoting, closets and other enclosures.

Outer walls were lined with Snead Mobilwalls to obtain uniform appearance.

A continuous series of closets were built of standard stock units in the corridor partitions, opening on the room side. Over 200 of these integral wall closets were installed on each floor for the storage of supplies, books, files and clothing. Wash rooms with all plumbing concealed within the walls were likewise built of standard units.

FIRE TESTS

The American Society for Testing Materials One-hour Test requires that exterior surface temperatures must not show a temperature increase of more than 250° F over the atmospheric temperature, after the confined surface has been exposed to a temperature rise of 1700° F in one hour from a heat source originating in a confined space. At the end of the hour's test the exposed surfaces are subjected to a 30 lb. water pressure from a 1½" nozzle. The wall must withstand this water pressure without passage of water or flame.

Snead Mobilwalls have been subjected to this test, and fully comply with these requirements.

It should be noted that the walls so tested are **not special** walls, but of Snead **standard** 3" construction.

Further details on request.



Fig. 9. Illustrating the flexibility of Snead Mobilwalls Type SF-3. Storage cabinets integrally built in corridor walls.

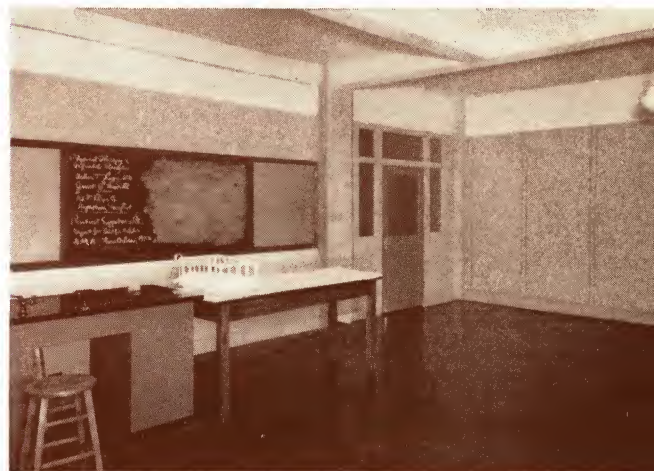


Fig. 10. Lecture room, built of Snead Mobilwalls Type SF-3. These walls, in light tan finish, subdivide ten floors of a noted medical college.



Fig. 11. Snead Mobilwall Type SF-3 in light tan with doors in darker tan color. Simulates masonry walls. Base is black. Note similar door unit in masonry walls.

FOUR GENERAL OF MOBILWALLS

TYPE RF 3" FLUSH

(1) SOUNDPROOF (*Type RF-1*)

Reinforced double panel sheets — interior solidly packed with inorganic, verminproof, soundproof filler.

(2) SOUNDPROOF AND FIREPROOF (*Type RF-2*)

Reinforced double panel sheets — interior solidly packed with inorganic, verminproof, fireproof and soundproof filler.

(3) SOUNDPROOF — SINGLE LINE JOINT (*Type RF-3*)

Flush units, without pilasters, set in progressive assembly, showing only a single line joint. Solid fibre soundproof insulation.

These walls are especially adapted to the highest class of executive offices, where fine workmanship and finish with either fireproof or soundproof or both qualities are desired.

For Description and Details see pages 10 to 15

TYPE SF 3" SEMI-FLUSH

(1) SOUNDPROOF (*Type SF-1*)

Fibre insulated double wall panels with space between filled with an inorganic, verminproof, soundproof filler.

(2) SOUNDPROOF AND FIREPROOF (*Type SF-2*)

Insulated double wall panels with space between filled with an inorganic, verminproof, fireproof and soundproof filler.

(3) SOUND INSULATED (*Type SF-3*)

Fibre insulated double wall panels.

A standard type of steel wall for corridors and office divisions. Its soundproof qualities are equal to the RF Types. The main difference is that in the SF Types the panels in the units are recessed $\frac{1}{8}$ inch. Pilasters and horizontal rails are flush.

For Description and Details see pages 16 to 19

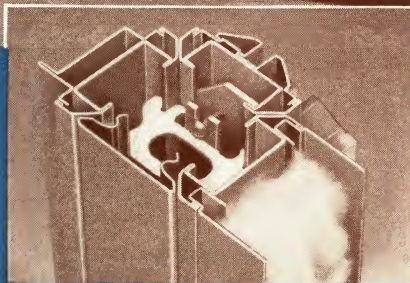


Fig. 12. Executive office, showing Sneed Mobilwalls Type RF-1, closets and wainscote with window embrasures and radiator covers, all finished in grained walnut, with black base.

Fig. 13. Three-way intersection of RF-1 panel units. Note interlocking single piece link plate.

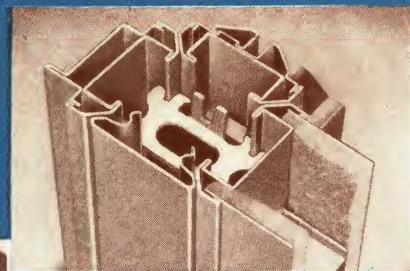


Fig. 14. Three-way intersection of Type SF-3 panel units.

Fig. 15. Sneed Mobilwalls Type SF-3 in medium light green with black base.



CLASSIFICATIONS AND PARTITIONS

TYPE M MOULDED

(1) SOUND INSULATED

(Type M-1)

Double Steel Panels with $\frac{1}{2}$ " thick fibre core insulation.

(2) UNINSULATED

(Type M-2)

Single Sheet Steel Panel.

A high-grade moulded and paneled steel partition for general office and industrial use. It has all the flexibility, re-usability and salvageability of Snead Mobilwalls.

For Description and Details see pages 20 and 21

TYPE H-1 HOSPITAL CUBICLES

Designed with the cooperation of leading hospital authorities, to meet for the first time their demand for a real "hospital designed" steel and glass screen, providing privacy in multi-bed wards. Modern flush construction with bull-nosed panel edges. No dust-catching ledges. No projections to interfere with moving bed. White bronze chromium plated sanitary front post shoe is only contact with floor. Back post is separated from and securely fastened to wall. No bulky, dust-catching curtain rods. New design cornice conceals curtain carrying rollers having integral hooks, and provides utmost rigidity to panels. Built-in signal button, wiring and switches. Specifications on Page 27 are for standard units. Special sizes made to meet any condition.



Fig. 16. Light cheerful offices with Snead Type M-1 partitions, finished in old ivory. Base black japan.

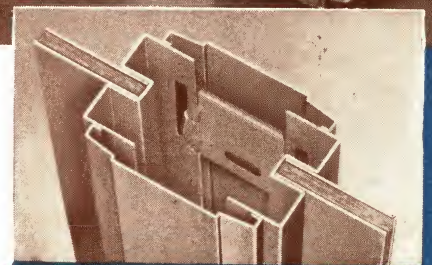


Fig. 17. One-way intersection of Type M-1 panel units.

Fig. 18. Detail of Type H-1 cubicle post and panel. Post flush with panel.



Fig. 19. Snead Hospital Cubicle Type H-1. Open base. Finished in light warm gray. White metal sanitary shoe.



Snead 3" Flush Mobilwalls (Types RF-1 and RF-2)



Fig. 20. Conference room of Snead Mobilwalls Type RF-1. Finished in walnut grain. Built-in alcove of standard panel units. Louvred doors. Black japan base.

SOUNDPROOF (Type RF-1), SOUNDPROOF and FIREPROOF (Type RF-2)

The Snead 3" Flush Mobilwall is designed for executive and similar type offices. It offers the architect and building owner many new possibilities where dignity of appearance and conformity of interior with exterior walls is desired for corridors and subdividing walls.

All members are made of best furniture grade steel, roller die-processed, giving uniformity, sharp definition of arrises, snug fit and cabinet work appearance.

PANEL UNITS

Roller die-formed posts are integral with ends of panel units. Panel sheets are of patent leveled furniture stock, reinforced with channels electrically welded at frequent intervals on inside surfaces to assure permanent flatness and rigidity of panels. Inside panel sheet surfaces are

sprayed with non-hardening fibre-bearing mastic which dampens all metallic reverberations.

CORNICE

Cornices are optional, and may be omitted if vertical lines are to be accentuated for architectural purposes. When used, cornices may receive and conceal electric wiring.

TOP FILLER

Top filler may be either double mineral board or double insulated sheet steel, neatly scribed to ceiling beams or other irregularities. Butt joints of mineral board filler are reinforced with perforated zinc tape. Top filler is painted to match ceiling. Steel filler matches steel wall finish.

END FILLERS

Steel end fillers are of the same construction as panels and are securely anchored to building walls at intersections.

The Ultimate in Flush Wall Construction

DOORS

Hollow metal doors, 1 $\frac{3}{4}$ " thick, are solidly packed and hung on heavy butts. They are mortised and reinforced for application of all hardware. One or two panel, or flush all steel doors are furnished as desired. Glazing is accomplished without loose glazing strips. Doors close on felt strikes and are fitted with automatic compression seals at the floor.

WIRING

All horizontal and vertical members can be wired or rewired by simply removing snap-on covers. Switches and receptacles may be installed at any point on the pilaster covers or base.

FINISH

Recent technological developments provide new possibilities in permanent metal finishes. Any color, grain or texture can be furnished to satisfy the decorative requirement.

INSULATION

In Snead Soundproof Mobilwalls (Type RF-1), panels, top fillers, and end fillers are solidly packed with inorganic verminproof, soundproof filler material. The entire periphery is sealed. A non-fusible filler having equal soundproofing qualities is furnished for Snead Fireproof and Soundproof Mobilwalls (Type RF-2).

GLASS

Any type or style of glass can be furnished. Glass is bedded in putty and back puttied. Special metal partition putty is colored to match wall finish. Glazing stops are snapped on eliminating use of screws. Double glazing is recommended for complete soundproofing, in which event, different thicknesses of glass are provided to eliminate tuned frequencies. The glass is set in removable frames to facilitate cleaning. In single glazed units, recesses for the glass are formed integral with panel sheets.

ERECTION

Panel units are rigidly secured to each other by means of one-piece internal link plates, which also receive snap-on pilaster covers. Corners, three and four-way extensions are easily accomplished without disturbing other units, by simply removing pilaster covers.

An adjustable base compensates for floor irregularities. Each base cover is independently removable. Walls are erected plumb and true. Hardware is properly adjusted. All wall surfaces are thoroughly cleaned after erection.

SPECIAL WALL ACCESSORIES

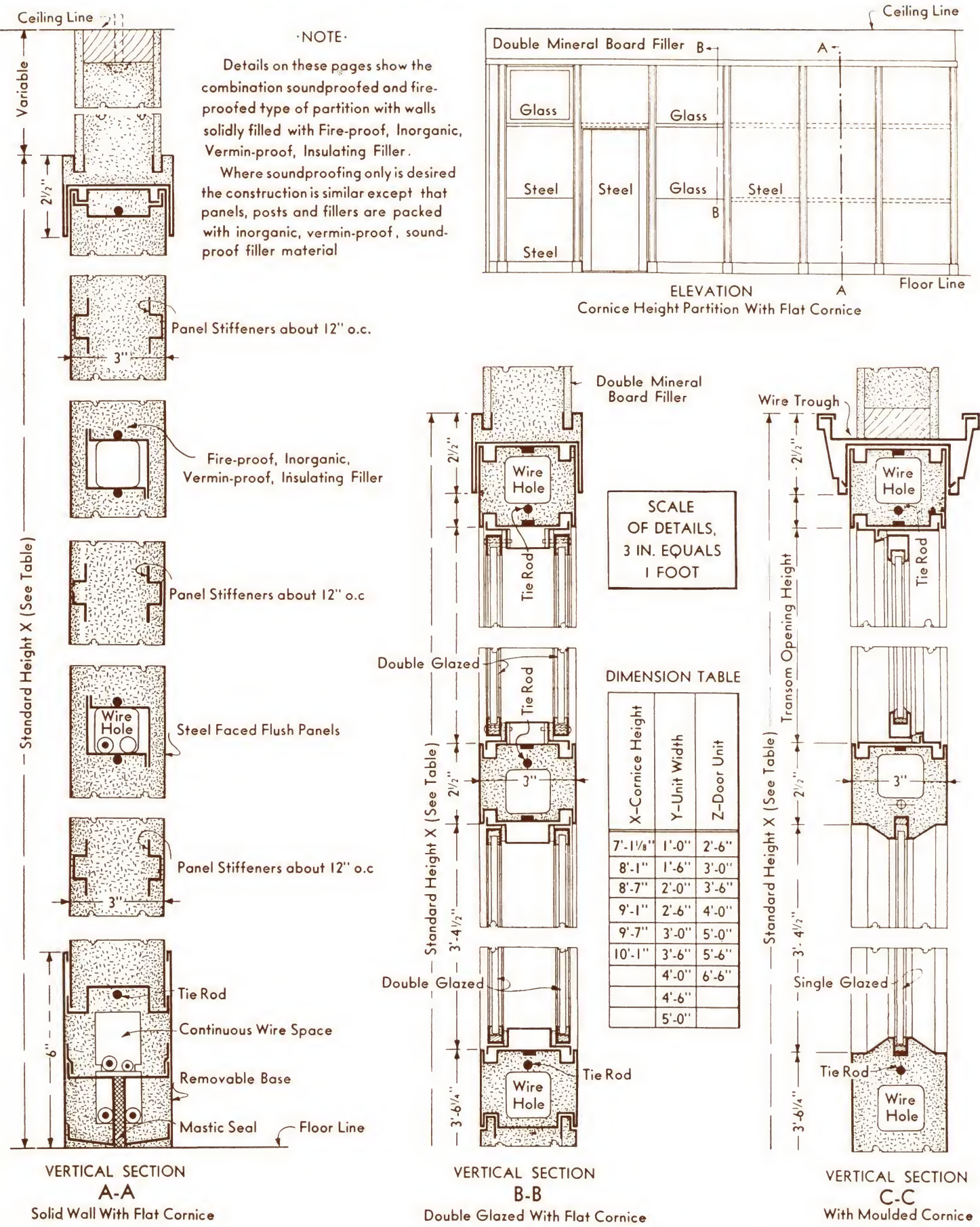
Closets for book storage supplies or clothing, etc., either in dividing walls or in corridor walls, can easily be accommodated in the standard units.

Other types of wall accessories such as wickets, railings, gates, etc., will be found on pages 22, 23 and 24 of this catalog.

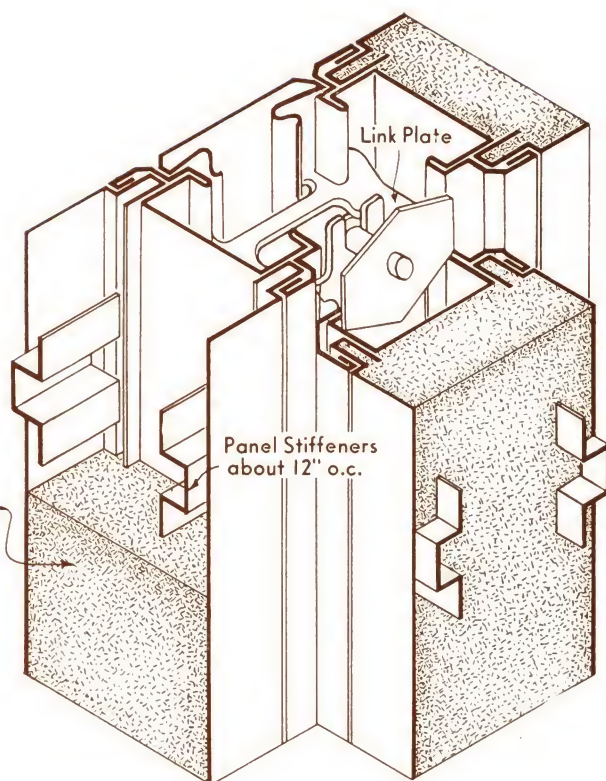
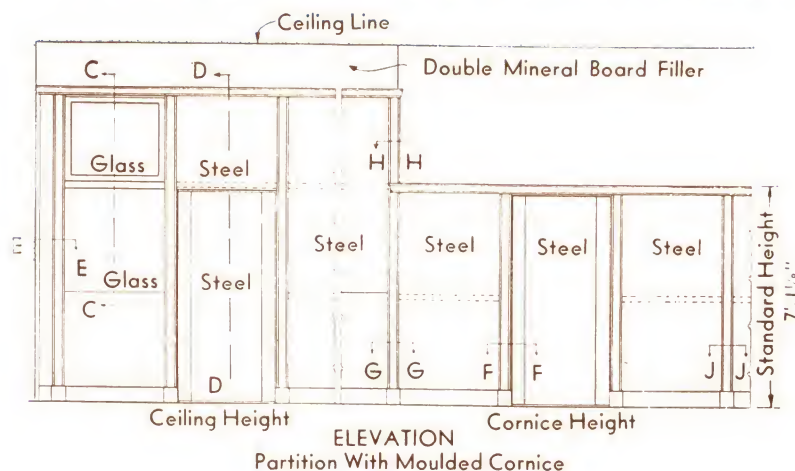
Fig. 21. Snead Mobilwall Type RF-1 corridor with transom run of glass. Mobilwalls and door match building finish.



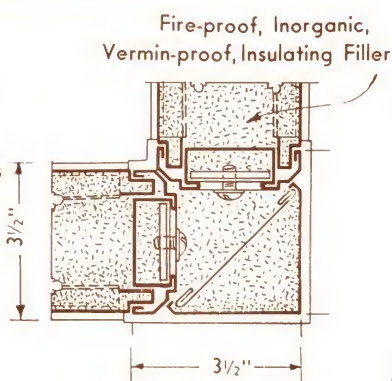
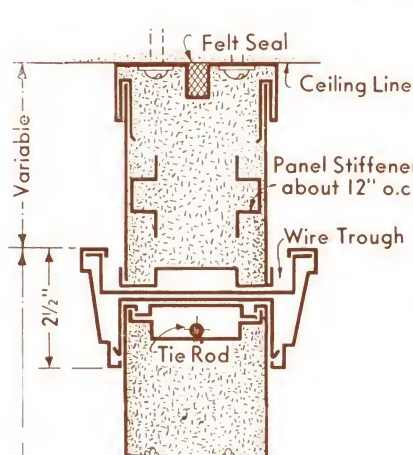
Details of Sneed Flush Mobilwalls (Types RF-1 and RF-2)



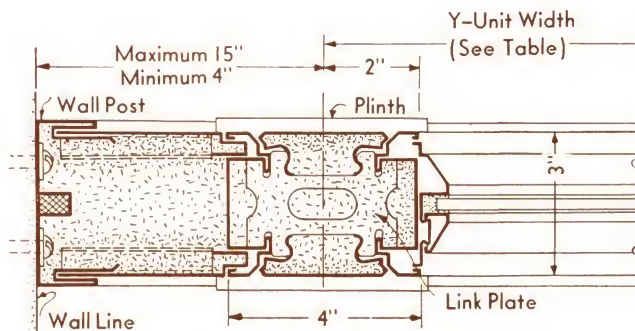
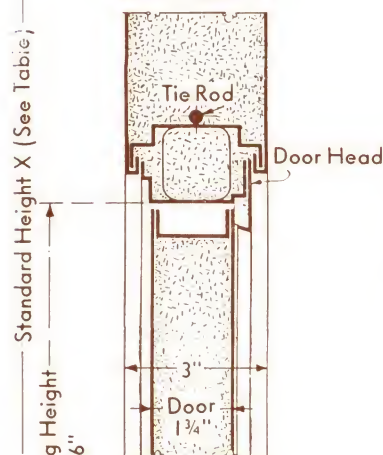
Details of Snead Flush Mobilwalls (Types RF-1 and RF-2)



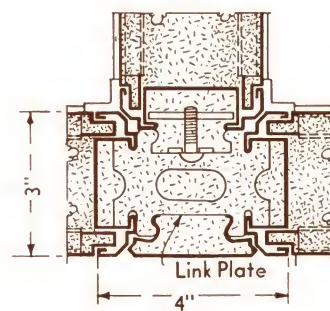
CUT-AWAY SECTION THRU THREE-WAY POST AND RAIL
Showing Method of Assembling Posts and Panels
by Use of The Patented Link Plate.



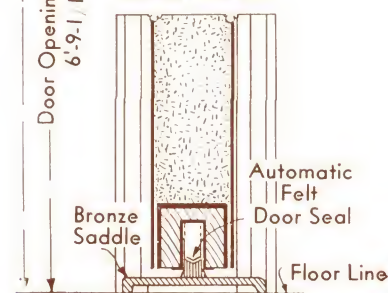
CORNER POST
H-H



HORIZONTAL SECTION
E-E
Wall Filler

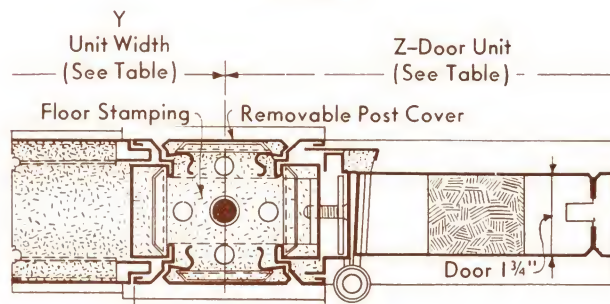


THREE-WAY POST
G-G

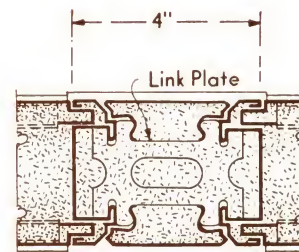


VERTICAL SECTION
D-D

Solid Wall With Moulded Cornice



HORIZONTAL SECTION
F-F



HORIZONTAL SECTION
J-J

Snead Single Line Joint 3" Flush Mobilwalls (Type RF-3)



Fig. 22. Single line joint Snead Mobilwall Type RF-3. Light tan finish with darker tone picture moulding and black japan base.

AN IDEAL SOLID WALL FOR USE WHERE LIGHT TRANSMISSION IS NOT REQUIRED

This 3" thick sound insulated wall of absolutely flush design has but a single line joint. Panel sheets are made of highest grade patent-leveled furniture steel. The one piece flush units are constructed by permanently bonding steel panel sheets to a solid insulating core, resulting in an absolutely rigid unit.

Vertical edges of the units are formed and reinforced to provide a unique wedge type tongue and groove joint which provides the necessary rigidity without the use of posts. Units are interlocked with one another in progressive assembly. Heavy channel cornice reinforcement provides extreme rigidity and receives the cornice trim which is clipped on. Any cornice design furnished with other 3" thick partitions may also be used with this wall.

Door units are interchangeable with panel units of the same size. No glazed units are provided. A continuous wireway base simplifies wiring. Outlets and switches are located at any point desired.

TOP FILLER Top filler may be either double mineral board or double insulated sheet steel, neatly scribed to ceiling beams or other irregularities. Butt joints of mineral board filler are reinforced with perforated zinc tape. Top filler is painted to match ceiling. Steel filler matches steel wall finish.

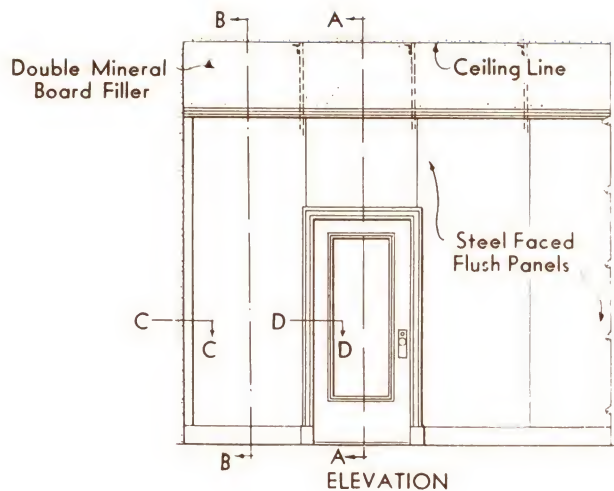
END FILLERS Steel end fillers are of the same construction as panels and are securely anchored to building walls at intersections.

DOORS Hollow metal doors, 1 $\frac{3}{4}$ " thick, are solidly packed and hung on heavy butts. They are mortised and reinforced for application of all hardware. One or two panel, or flush all steel doors are furnished as desired. Glazing is accomplished without loose glazing strips. Doors close on felt strikes and are fitted with automatic compression seals at the floor, where required.

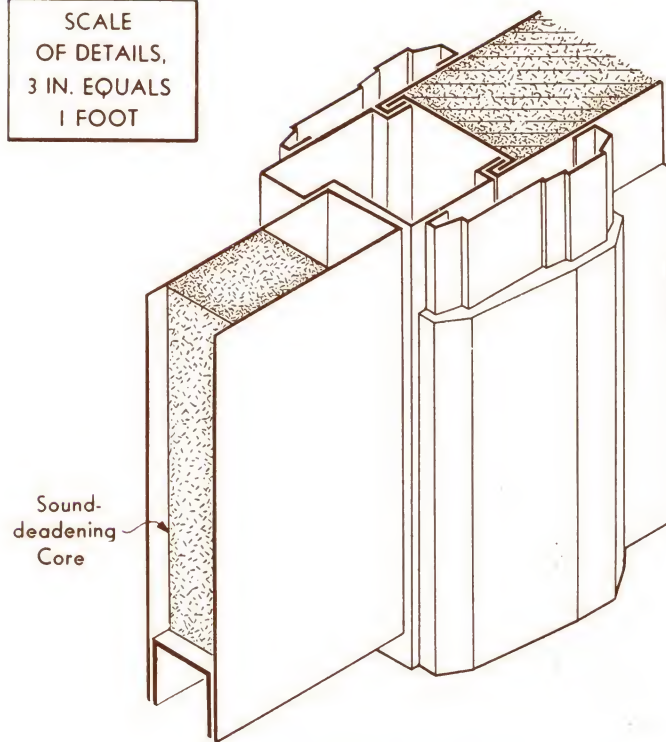
FINISH Recent technological developments provide new possibilities in permanent metal finishes. Any color, grain or texture can be furnished to satisfy the decorative requirement.

ERECTION Panels are interlocked in progressive assembly. An adjustable base compensates for floor irregularities. Each base cover is independently removable. Walls are erected plumb and true. Hardware is properly adjusted. All wall surfaces are thoroughly cleaned after erection.

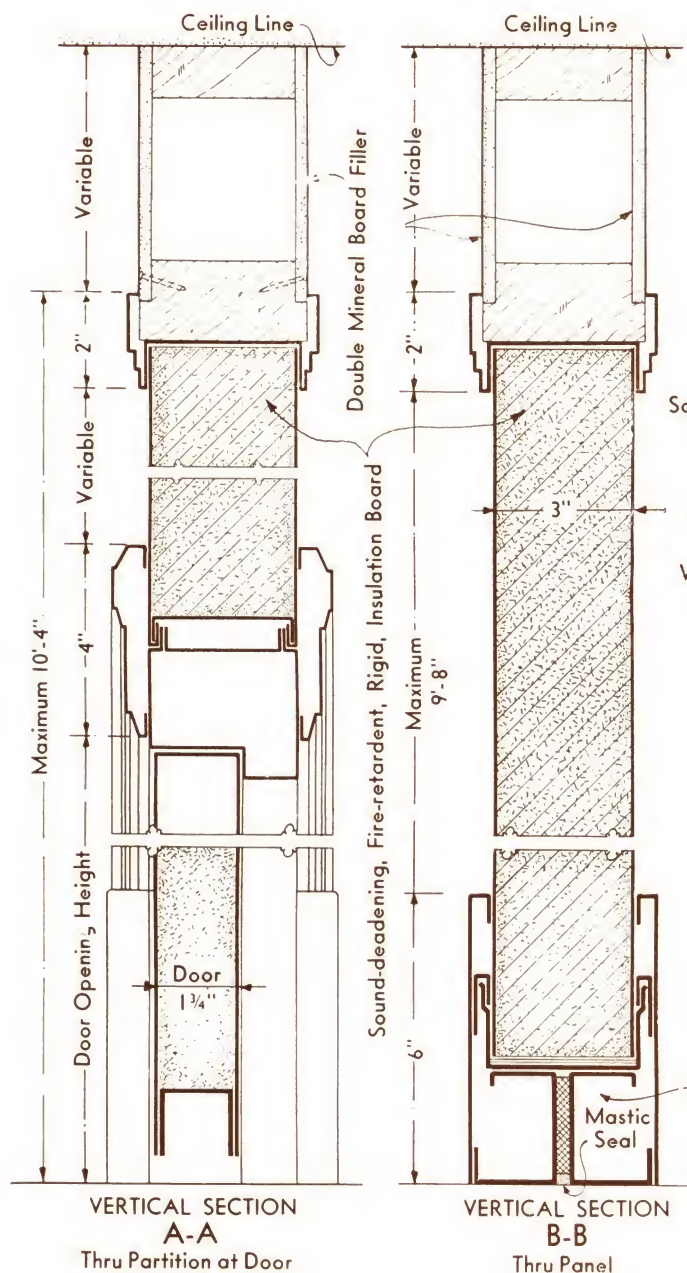
Details of Snead Single Line Joint Mobilwalls (Type RF-3)



SCALE
OF DETAILS,
3 IN. EQUALS
1 FOOT

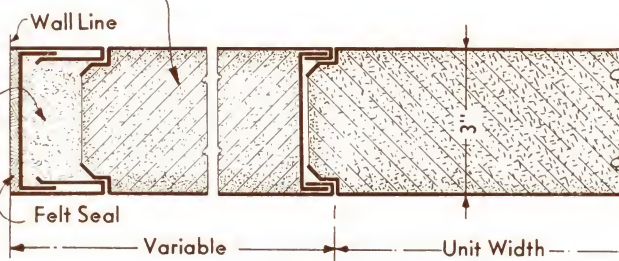


CUT-AWAY SECTION THRU DOOR JAMB

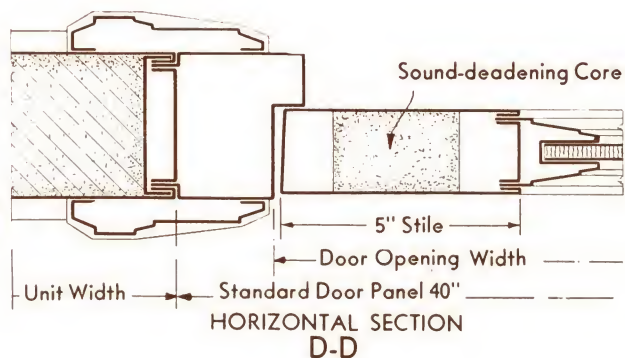


Sound-deadening, Fire-retardant,
Rigid, Insulation Board

Fire-proof, Inorganic,
Vermin-proof,
Insulating
Filler



HORIZONTAL SECTION
C-C
Thru Wall Filler and Panel



Snead 3" Semi-Flush Mobilwalls (SF Type)



Fig. 23. Featuring extra large glass units without intermediate rail at 7'-0" level, and without conventional cornice. Snead Mobilwalls Type SF-3. Green finish with black japan base.

SOUNDPROOF (Type SF-1), SOUNDPROOF and FIREPROOF (Type SF-2), SOUND INSULATED (Type SF-3)

The standard type of wall for dividing offices and for corridor walls. It affords all the soundproofness and privacy necessary for comfort and production efficiency.

It is similar in general construction to the Flush Mobilwall (RF Types), except that pilaster covers and cross rails project $\frac{1}{8}$ " beyond the $2\frac{3}{4}$ " thick double insulated panels. The fireproof and soundproof qualities of this wall equal those of the Flush Mobilwall. This is the type selected by the Compagnie Parisienne de Distribution d'Électricité (pages 6 and 7).

All members are made of best furniture grade steel, roller die-processed, giving uniformity, sharp definition of arrises, snug fit and cabinet work appearance.

PANEL UNITS

Roller-die formed posts are integral with ends of panel units. Double panel sheets with air space between are each securely and permanently bonded to heavy sound deadening, fire retarding insulation boards to prevent warping and

buckling. Panels are absolutely flat, and rigidly held in place. They may be cut down in the field as required without loss of material. Rails are flush with pilaster covers.

CORNICE

Cornices are optional, and may be omitted if vertical lines are to be accentuated for architectural purposes. When used, cornices may receive and conceal electric wiring.

TOP FILLER

Top filler may be either double mineral board or double insulated sheet steel, neatly scribed to ceiling beams or other irregularities. Butt joints of mineral board filler are reinforced with perforated zinc tape. Top filler is painted to match ceiling. Steel filler matches steel wall finish.

END FILLERS

Steel end fillers are of the same construction as panels and are securely anchored to building walls at intersections.

DOORS

Hollow metal doors, $1\frac{3}{4}$ " thick, are solidly packed and hung on heavy butts. They are mortised and reinforced for

For Office Divisions and Corridors

application of all hardware. One or two panel, or flush all steel doors are furnished as desired. Glazing is accomplished without loose glazing strips. Doors close on felt strikes and are fitted with automatic compression seals at the floor, where required.

WIRING

All horizontal and vertical members can be wired or rewired by simply removing snap-on covers. Switches and receptacles may be installed at any point on the pilaster covers or base.

FINISH

Recent technological developments provide new possibilities in permanent metal finishes. Any color, grain or texture can be furnished to satisfy the decorative requirement.

INSULATION

In Sneed Soundproof Mobilwalls (Type SF-1), panels, top fillers, and end fillers are solidly packed with inorganic verminproof, soundproof filler material. The entire periphery is sealed. A non-fusible filler having equal soundproofing qualities is furnished for Sneed Soundproof and Fireproof Mobilwalls (Type SF-2).

GLASS

Any type or style of glass can be furnished. Glass is bedded and back puttied. Special metal partition putty

is colored to match wall finish. Glazing stops are snapped on eliminating use of screws. Double glazing is recommended for complete soundproofing, in which event, different thicknesses of glass are provided to eliminate tuned frequencies. The glass is set in removable frames to facilitate cleaning. In single glazed units, stops are formed integral with the rails.

ERECTION

Panel units are rigidly secured to each other by means of one-piece internal link plates, which also receive snap-on pilaster covers. Corners, three and four-way extensions are easily accomplished by simply removing pilaster covers, without disturbing other units.

An adjustable base compensates for floor irregularities. Each base cover is independently removable. Walls are erected plumb and true. Hardware is properly adjusted. All wall surfaces are thoroughly cleaned after erection.

SPECIAL WALL ACCESSORIES

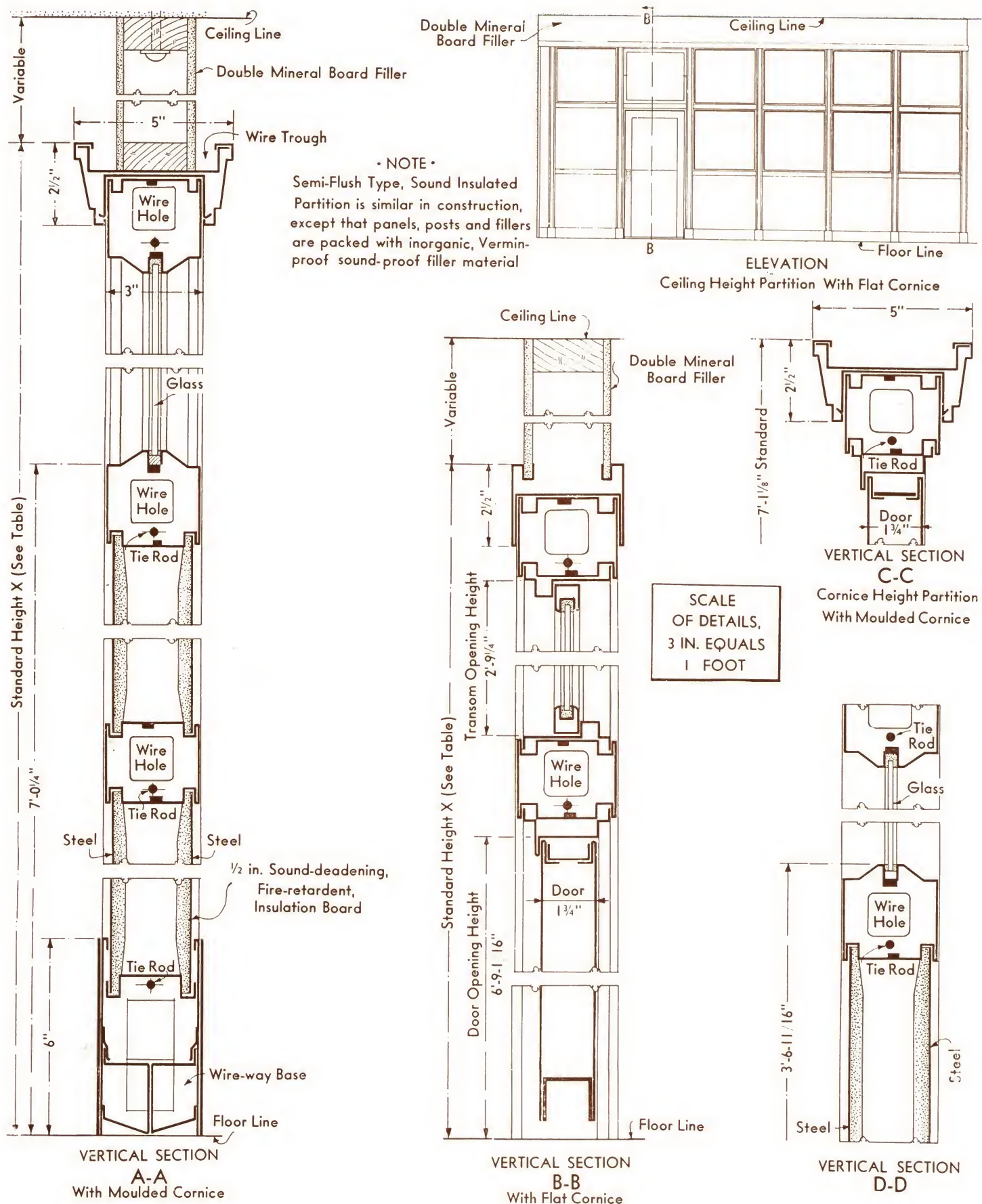
Closets for book storage supplies or clothing, etc., either in dividing walls or in corridor walls, can easily be accommodated in the standard units.

Other types of wall accessories such as wickets, railings, gates, etc., will be found on pages 22, 23 and 24 of this catalog.

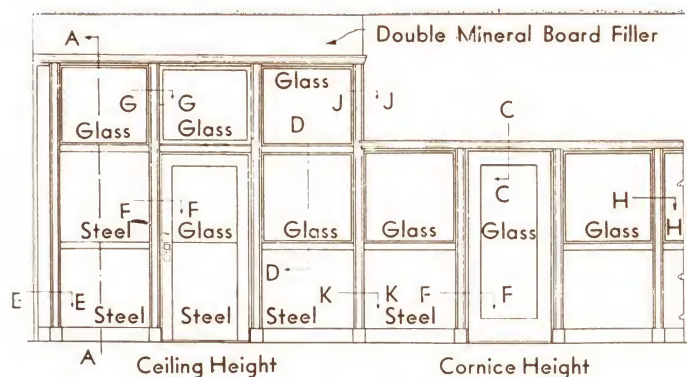


Fig. 24. Sneed Mobilwall Type SF-3, 7'-2" high, finished to harmonize with building walls and doors.

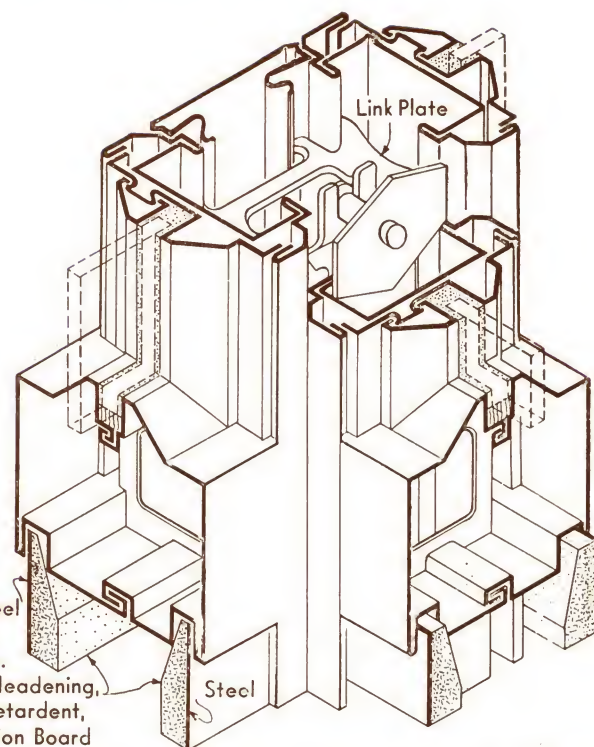
Details of Sneed Semi-Flush Mobilwalls (Type SF-3)



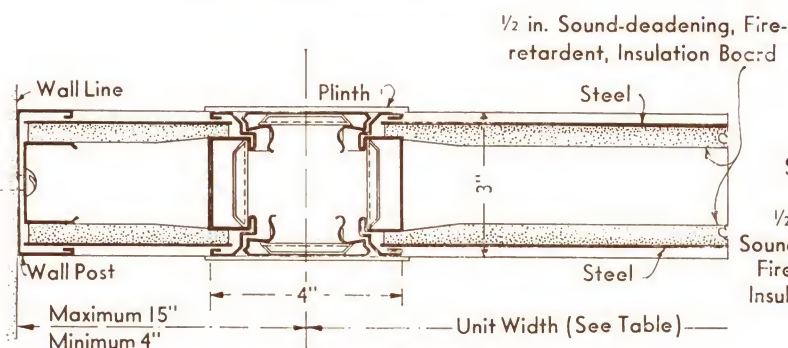
Details of Snead Semi-Flush Mobilwalls (Type SF-3)



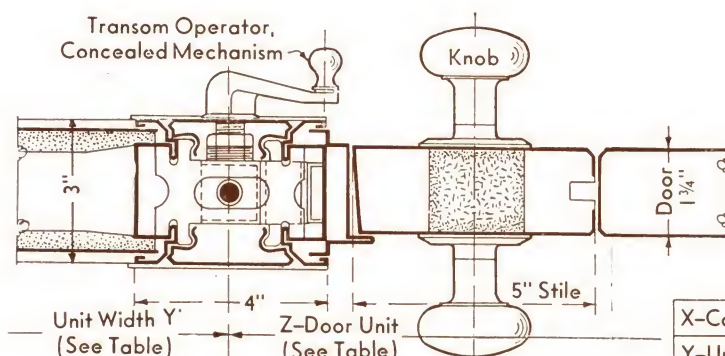
ELEVATION
Partition With Moulded Cornice



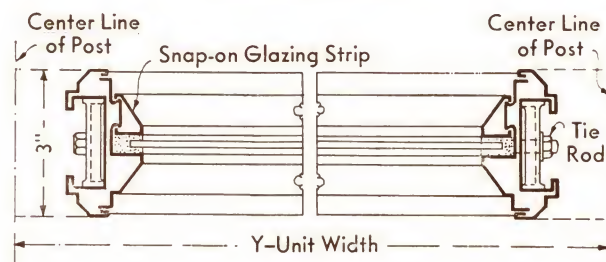
CUT-AWAY SECTION THRU THREE-WAY POST AND RAIL
Showing Method of Assembling Posts and Panels by Use of The
Patented Link Plate.



HORIZONTAL SECTION
E-E

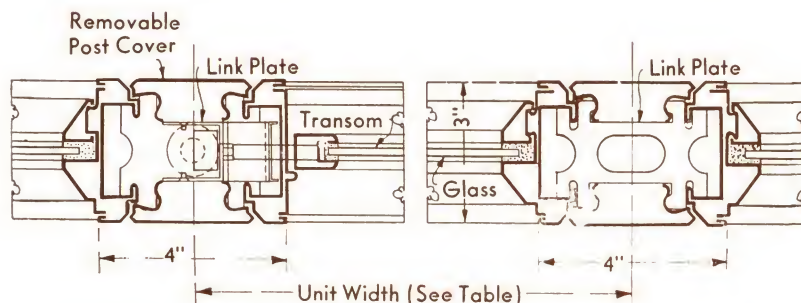


HORIZONTAL SECTION
F-F



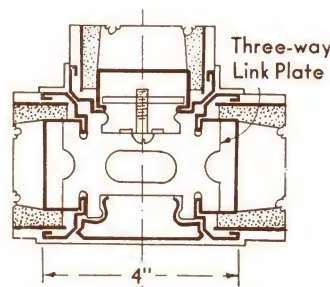
DIMENSION TABLE

X-Cornice Height	7'-1 1/8"	8'-1"	8'-7"	9'-1"	9'-7"	10'-1"			
Y-Unit Width	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
Z-Door Unit	2'-6"	3'-0"	3'-6"	4'-0"	5'-0"	5'-6"	6'-6"		

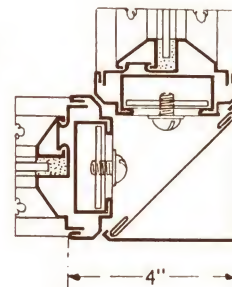


HORIZONTAL SECTION
G-G

HORIZONTAL SECTION
H-H



THREE-WAY POST
K-K



CORNER POST
J-J

Snead Movable Moulded Partition (M Type)



Fig. 25. Snead Type M-1 partition forms attractive corridor. Light green finish with black base.

INSULATED (TYPE M-1) UNINSULATED (TYPE M-2)

Snead Movable Moulded Partitions are of standard paneled type with all the flexible, re-usable and salvagable features of the Snead Semi-Flush Mobilwalls (SF Type). Any combination of steel and glass may be had, and changes from steel to glass or vice versa may be accomplished at any time.

PANEL UNITS

Roller-die formed posts are integral with ends of panel units. Type M-1 panels are constructed of two steel sheets securely and permanently bonded to both sides of a single thickness of fire-retarding insulating board. Type M-2 panels are built of a single sheet of steel. Panels may be cut down in the field without loss of material.

CORNICE

A one-piece cornice with heavy internal reinforcement provides extreme rigidity.

TOP FILLER

Top filler may be either double mineral board or double insulated sheet steel, neatly scribed to ceiling beams or other irregularities. Butt joints of mineral board filler are reinforced with perforated zinc tape. Top filler is painted to match ceiling. Steel filler matches steel wall finish.

END FILLERS

Steel end fillers are of the same construction as panels

and are securely anchored to building walls at intersections.

DOORS

Hollow metal doors, 13/4" thick, are solidly packed and hung on heavy butts. They are mortised and reinforced for application of all hardware. One or two panel, or flush all steel doors are furnished as desired. Glazing is accomplished without loose glazing strips.

WIRING

All horizontal and vertical members can be wired or rewired by simply removing snap-on covers. Switches and receptacles may be installed at any point on the pilaster covers or bases.

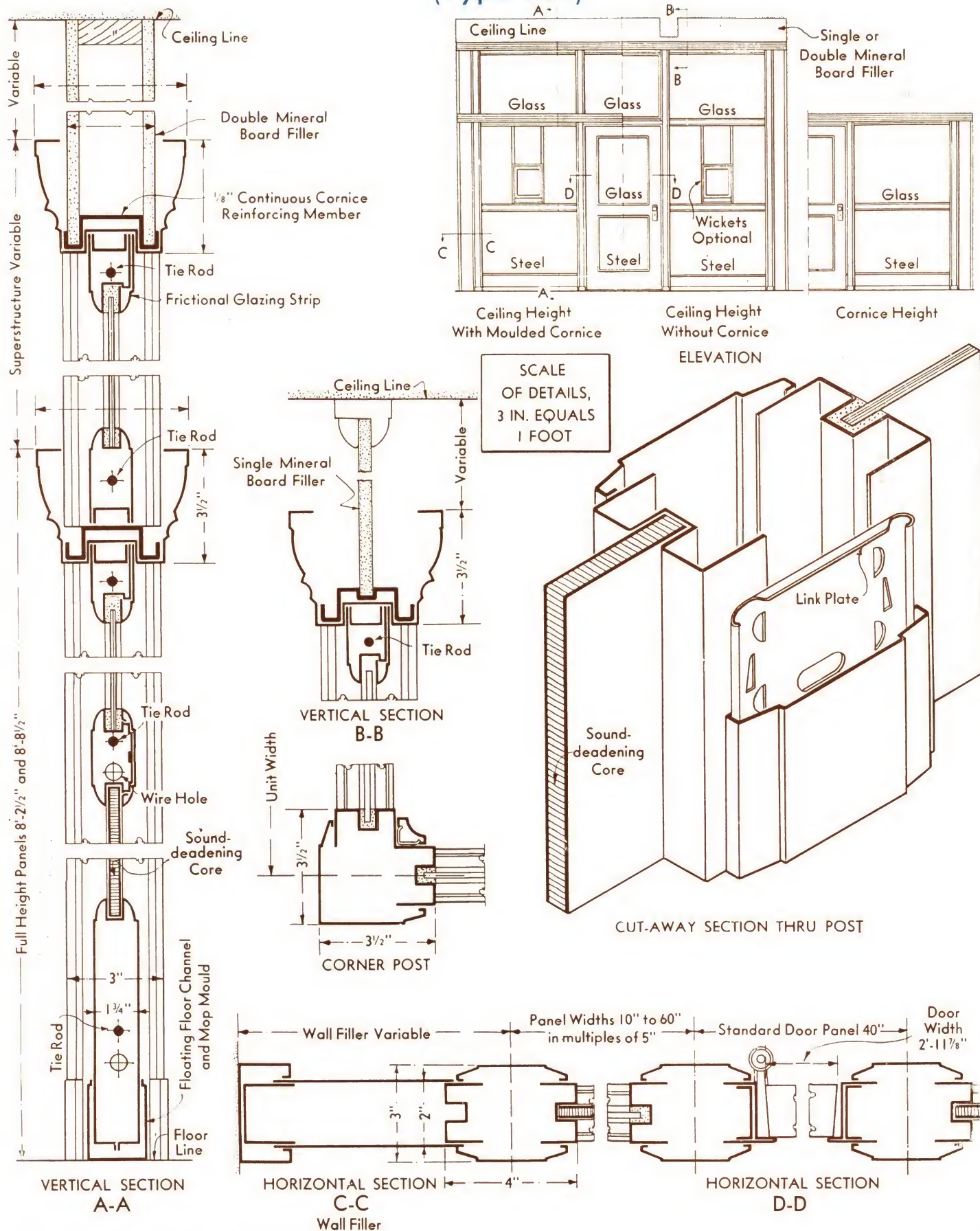
FINISH

Recent technological developments provide new possibilities in permanent metal finishes. Any color, grain or texture can be furnished to satisfy the architectural requirement.

ERECTION

Panels are rigidly secured to each other by means of one-piece link plates which also receive snap-on pilaster covers. Partitions are erected plumb and true, and shims compensate for floor irregularities. Hardware is properly adjusted. All wall surfaces are thoroughly cleaned.

Details of Snead Movable Moulded Partitions (Type M-1)



Snead Mobilscreens and Mobilrails

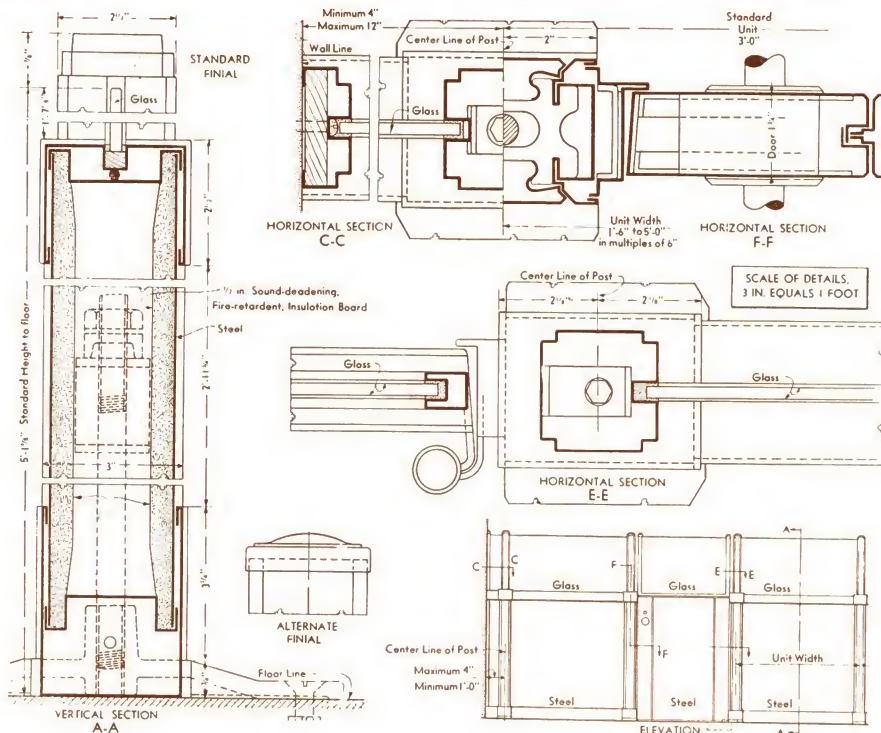


Fig. 26. Typical installation of Type SF-3 Mobilscreens forming corridor, and Mobilscreens dividing semi-private offices.

The construction and architectural details of Snead Mobilscreens are the same, type for type, as those of the Mobilwalls. Surfaces are semi-flush and the units are made in the same widths as the Mobilwall units. They connect to the Mobilwall without fillers or adapters.

Over-all height may be from 5 to 6 ft., the steel panel being from 3 to 5 ft., and the balance glass. For all heights the Snead floor anchorage assures absolute rigidity.

Mobilscreens are especially suitable for semi-private offices where ventilation and interior lighting are factors. Glass is either 1/4 inch plate or 1/4 inch obscure, top edge ground smooth.

Details of Snead Mobilscreens (Type SF-3)

SNEAD & COMPANY

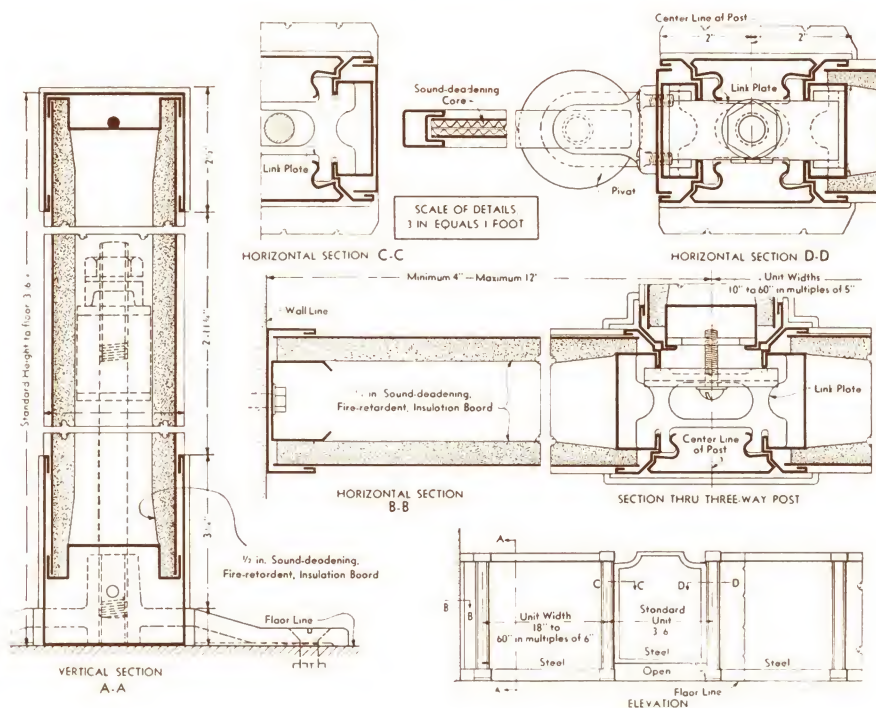
Snead Mobilscreens and Mobilrails



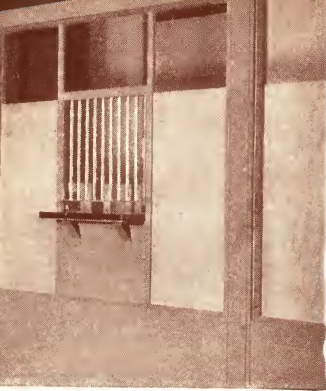
Fig. 27. Waiting room formed by Type M-I railing, and library enclosed by Type M-I bank screens.

Mobilrails are uniform in construction with Mobilwalls and Mobilscreens, and are available in either 36 or 42 in. in height. Gates are hung on non-sag pivots and may be located where desired. Single acting and double acting gates are optional. Gate posts remain absolutely rigid. There are no angle braces to obstruct floor space or to trip over.

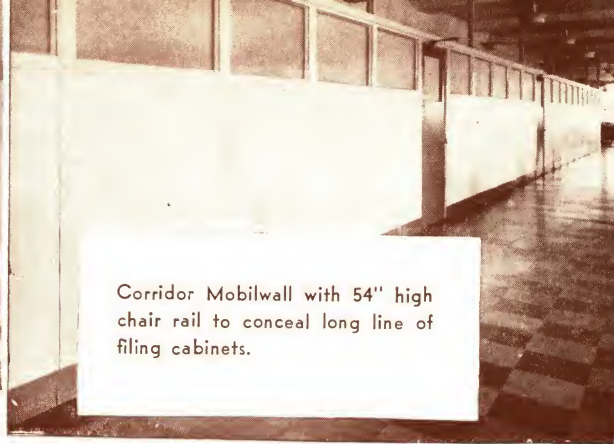
The construction of Snead Type M-I bank screens and rails is identical with the Type M-I Partition.



Details of Snead Mobilrails (Type SF-3)



Bank Type bronze fixed grille and carrara glass deal plate.



Corridor Mobilwall with 54" high chair rail to conceal long line of filing cabinets.



Integrally built-in counter with sliding doors and shelves in rear. Rubber top with white metal edging.

SNEAD MOBILWALL ACCESSORIES

Listed below are Standard Integral Units available for all Types of Mobilwalls and partitions. Details on request.

- | | |
|---|---------------------------------|
| Access Doors to Switchboards, etc. | Louvres, in doors or panels |
| Cabinets | Ventilating |
| Closets | Lightproof |
| Cashier's wickets | Pipe spaces |
| Counters, steel or linoleum covered, on | Plumbing enclosures |
| Railings | Roofs or ceilings |
| Bank screens | In glass, steel, wire mesh |
| Partitions | Insulated and acoustic type |
| Cash drawers | Radiator grilles and enclosures |
| Display cases | Shelves—for all uses |
| Doors, single or double | Sliding sash |
| Steel or glass | Horizontal |
| Flush or panelled | Vertical |
| Single and double acting | Counterbalanced |
| Dutch, with or without shelf | Sliding Cabinet Doors |
| Electrical receptacles | Transoms |
| Switches, push buttons, etc. | Vertical or horizontal pivoted |
| Hardware, for all uses | Bottom or top hinged |
| Information windows | Pole or concealed operated |
| Hinged wickets | Wainscoting |
| Hinged grilles | Window Embrasures |
| Speak holes | Hollow Metal for Masonry Walls |
| | Doors and bucks |
| | Picture moulds |
| | Chair rails |
| | Base moulds, plain or wireway |



Flush Door all steel.



Flush Door with louvre.

Window embrasure, radiator cover, built-in closets and book shelves.



Information window built-in all steel 7'0" panel with transom lights above.



Information windows easily incorporated in all types of Mobilwalls.



Built-in wardrobe with or without washstands, with private cabinet above.



Door with full glass panel.



Door with half glass panel.

Built-in display window with cupboards and sliding doors below.



SNEAD MOBILWALL SPECIFICATION

FLUSH SOUNDPROOF (Type RF-1)

(Similar Specification on Fireproof Construction (Type RF-2) Identical in Appearance. Details on Request).

1 General

1-1 Furnish and erect complete Sneed & Company's standard flush soundproof three inch thick steel Mobilwall (Type RF-1).

1-2 They shall be movable and of hollow metal type.

1-3 All door units and panels shall be interchangeable with panel units of like size. Units shall be arranged to present the most symmetrical appearance, using standard panel widths. Double steel end fillers shall be used at walls and the space above the partition panels shall have double mineral board fillers to underside of ceilings, beams or (and) girders. No exposed screws shall be allowed in this work. They shall be so constructed and assembled as to permit the easy future extension of two or three or four way conditions, without use of special mouldings, fillers, or adapters, or removal of adjacent units.

2 Shop Drawings

Shop drawings shall be submitted in duplicate showing the proposed Mobilwall arrangement, elevations, gauges of various members, finish, hardware schedule and details of any special conditions before fabrication.

3 Materials

Concealed structural members shall be of steel. All exposed sheet metal shall be cold rolled furniture stock steel that has been properly annealed and process leveled, and has smooth clean surfaces. Gauges specified below are U. S. Standard, and are the minimum that will be acceptable under the contract. Mineral board shall conform with Federal Specification No. SS W 51A and shall be at least 1/4" thick.

4 Posts

The posts shall be integral with the panel end formed by roller dies from No. 16 Ga. steel. One piece, four point bearing link plates placed approximately 24" apart shall be used to lock and align posts in field assembly. These link plates shall also be designed to receive the snap-on pilaster cover. All connections used in field assembly shall be concealed.

5 Panels

Panels shall be flush with the face of the post and pilaster cover, and shall be spaced a minimum of 3' apart, exposing a double line joint. Panel plates shall be 20 gauge steel reinforced with horizontal steel members, spaced approximately 12" apart, and electrically welded to panel every 3". Inside of panels are to be coated with non-hardening fibre bearing mastic to prevent metallic noise and packed solidly with inorganic verminproof insulating filler material, with a minimum density of 3 lbs. per cubic foot.

6 Rails

Rails shall be flush and of No. 20 Ga. steel. Where rails receive glass the stops shall be integral with the rail. (Vertical snap-on glazing stops to be provided on posts).

7 Post Covers

Post covers shall be roller die formed of No. 20 Ga. steel and designed to snap on over concealed link plates. They shall be flush with panel and permit of easy removal for wiring and for two, three or four way extensions.

8 Plinths

Plinths shall be No. 14 Ga. steel of flat design, with vertical adjustment on post cover to meet floor irregularities.

9 Base

Base shall be of No. 18 Ga. steel 6" high, of flat design and with vertical adjustment to floor. Each side to be independently removable for access to lighting, telephone and annunciator wire ways.

10 Cornice

Cornice reinforcement shall be of No. 14 Ga. Cornice trim shall be of No. 18 Ga. and clip on to cornice reinforcement. Cornice designed to receive concealed electric wiring and top filler construction.

11 Top Filler

11-1 Top filler shall be of double mineral board where partitions extend to the ceiling. They shall be flush and neatly scribed to ceilings, beams, walls and pipes, and solidly packed with inorganic verminproof insulating filler material. All joints to be filled and reinforced, and then sanded smooth. Finish on top filler shall match ceiling.

11-2 Alternate: Top filler shall be of double insulated steel, flush and with single line joint. Construction shall be of snap-on type to provide for easy removal. It shall be similar in construction to that of panel to insure permanent flatness, and solidly packed with inorganic soundproofing material. Finish to match partitions, and factory applied.

12 End Fillers

Steel end fillers of similar construction as Mobilwall panels shall be used at walls. They shall be insulated like the partition panels and tightly and securely anchored to the building wall.

13 Doors

Doors shall be 13/4" thick, of hollow metal and packed with sound deadening filler. There shall be not more than 3/32" clearance at head and jams. All doors shall be provided with proper mortises and reinforcement for all hardware application. They shall be standard, one or two panel, glass or all steel type as shown on drawings. Standard lock mortise to provide for application of interchangeable hardware. Doors shall be glazed without use of loose glazing stops. Double doors shall have beveled meeting stiles with astragal. Inactive leaf shall be provided with top and bottom flush bolts. Where required "soundproof" doors shall close on felt strikes and shall be fitted with automatic compression seal at floor.

14 Transoms

Center horizontal pivot transoms shall be furnished as shown on drawings. Operation of transoms shall be by means of concealed operators. In the soundproof type transoms shall close on felt strikes.

15 Hardware

Hardware shall be of Mobilwall manufacturer's standard, which shall provide for ready interchange of locks covering the various operations required. Doors shall be hung on one pair of 5" x 4" ball bearing anti-friction wrought steel butts.

16 Electrical Provisions

Provision shall be made for easy wiring through all vertical and horizontal members. Cutouts for switches and receptacles and installation of same shall be in base or post covers as shown on plan. Wire way base with raceways shall be readily accessible for wiring. All wiring BX cable by others.

17 Finish

17-1 All surfaces shall be properly cleaned of all oil, grease and dirt, and shall be dry before the application of finish. All surfaces shall then receive a coat of rust-resisting paint, baked on and sanded smooth. Flat color finish shall consist of two coats of color as specified, each baked.

17-2 Grained finish shall consist of one coat of rust-resisting paint, baked on, followed by graining, after which two independent coats of clear flat varnish or lacquer shall be applied.

18 Glass and Glazing

18-1 Glass shall be as specified on drawings, and shall be furnished and set by this contractor. Special Mobilwall putty shall be used, and the glass bedded in putty and back puttied. Glazing stops shall be of "snap-on" type, without use of screws. Putty shall generally match color of Mobilwalls.

18-2 In soundproof type double glass shall be furnished set in removable frames for easy cleaning.

19 Erection

19-1 The finished work shall be strong and rigid, neat in appearance and free from defects. Plain surfaces shall be smooth and free from warp and buckle.

19-2 All Mobilwalls shall be erected plumb and true. The floor shall be leveled with shims to insure level of all horizontal lines. Mastic or felt seal shall be provided at floor and all wall fillers. Mobilwalls shall be erected on top of finished floor covering. Floor to ceiling reinforcements shall be provided in all otherwise unsupported runs of over 20 ft. in length. All hardware shall be properly adjusted and left in perfect working order. All metal surfaces shall be cleaned and left free of scratches or abrasions. Glass shall be cleaned by others after putty has properly set.

SNEAD MOBILWALL SPECIFICATION

FLUSH SINGLE LINE JOINT (Type RF-3)

1 General

1-1 Furnish and erect complete Sneed & Company's standard single line joint 3" thick flush soundproof steel Mobilwall (Type RF-3).

1-2 They shall be movable and so constructed as to present a single line joint. No chair or transom rails or post covers shall be permitted. Rearrangements of panels to be made only by rearrangement of entire run of Mobilwalls.

2 Shop Drawings

Shop drawings shall be submitted in duplicate showing the proposed Mobilwall arrangement, elevations, gauges of various members, finish, hardware schedule and details of any special conditions before fabrication.

3 Materials

Concealed structural members shall be of steel. All exposed sheet metal shall be cold rolled furniture stock steel that has been properly annealed and process leveled, and has smooth, clean surfaces. Gauges specified below are U. S. Standard, and are the minimum that will be acceptable under the contract. Mineral board shall conform with Federal Specification No. SS W 51A and shall be at least 1/4" thick.

4 Panels

Panels shall be 3" thick, constructed of two No. 20 gauge steel sheets permanently bonded to a solid, sound deadening, fire retarding insulation board sealed to prevent warp and buckle. The vertical sides of panels shall be formed and reinforced so as to provide a wedge type tongue and groove means of interlocking the panels in progressive field assembly.

5 Plinths

Plinths shall be of No. 14 Ga. and to be used only at the bottom of snap-on door casing trim.

6 Base

Base shall be of the continuous wireway type, of No. 14 Ga., arranged to support the panels. The outside members shall be of No. 18 Ga. 6" high, independently removable for access to lighting, telephone and annunciator wireways.

7 Cornice

Cornice shall be of No. 18 Ga., of a flat type, continuous over the top of panel units, and arranged to receive top filler construction.

8 Top Filler

Top fillers shall be of double mineral board where Mobilwalls extend to the ceiling. They shall be flush and neatly scribed to ceilings, beams, walls and pipes. All joints shall be filled and reinforced, and then sanded smooth. Finish on top fillers shall match ceiling.

9 End Filler

Steel end fillers of similar construction as Mobilwall panels shall be used at walls. They shall be insulated like the Mobilwall panels and tightly and securely anchored to the building wall.

10 Doors

Doors shall be 13/4" thick, of hollow metal panel type, packed with sound deadening filler. There shall be not more than 3/32" clearance at head and

jamb. All doors shall be provided with proper mortises and reinforcement for all hardware application. They shall be one or two panel, open for glass or all steel type, as shown on plans. Standard lock mortises shall provide for application of interchangeable hardware. Doors shall be glazed by the use of a single horizontal removable glazing stop to be held in place by bronze screws. Double doors shall have bevelled meeting stiles with astragal. Inactive leaf shall be provided with top and bottom flush bolts.

11 Door Casings

Door casings shall be provided where shown on plans, and shall be of No. 18 Ga., roller die formed and held in place by concealed snap on clips. The door casings shall be of a design to match the mouldings on the panel doors.

12 Transoms

Center horizontal pivoted transoms shall be furnished as shown on the plans. Operation of transoms shall be by means of friction pivots.

13 Hardware

Hardware shall be of Mobilwall manufacturer's standard, which shall provide for ready interchange of locks covering the various operations required. Doors shall be hung on one pair of 5" x 4" ball bearing anti-friction wrought steel butts.

14 Finish

14-1 All surfaces shall be properly cleaned of all oil, grease and dirt, and shall be dry before the application of finish. All surfaces shall then receive a coat of rust-resisting paint, baked on and sanded smooth. Flat color finish shall consist of two coats of color as specified, each baked.

14-2 Grained finish shall consist of one coat of rust-resisting paint, baked on, followed by graining, after which two independent coats of clear flat varnish or lacquer shall be applied.

15 Erection

15-1 The finished work shall be strong and rigid, neat in appearance and free from defects. Plain surfaces shall be smooth and free from warp and buckle.

15-2 All Mobilwalls shall be progressively erected plumb and true. The floor base shall be leveled with shims to insure level of all horizontal lines. Mobilwalls shall be erected on top of finished floor covering. Floor to ceiling reinforcements shall be provided in all otherwise unsupported runs of over 20 ft. in length. All hardware shall be properly adjusted and left in perfect working order. All metal surfaces shall be cleaned and left free of scratches or abrasions.

Glass shall be cleaned by others after putty has properly set.

SNEAD MOBILWALL SPECIFICATION

SEMI-FLUSH STANDARD INSULATED (Type SF-3)

1 General

1-1 Furnish and erect complete Sneed & Company's standard semi-flush soundproof three inch thick steel Mobilwall (Type SF-3).

1-2 Wall shall be movable and of hollow metal type.

1-3 All door units and panels shall be interchangeable with panel units of like size. Units shall be arranged to present the most symmetrical appearance, using standard panel widths. Double steel end fillers shall be used at walls and the space above the partition panels shall have double mineral board fillers to underside of ceilings, beams or (and) girders. No exposed screws shall be allowed in this work. They shall be so constructed and assembled as to permit the easy future extension of two or three or four way conditions, without use of special mouldings, fillers, or adapters, or removal of adjacent units.

2 Shop Drawings

Shop drawings shall be submitted in duplicate showing the proposed Mobilwall arrangement, elevations, gauges of various members, finish, hardware schedule and details of any special conditions before fabrication.

3 Materials

Concealed structural members shall be of steel. All exposed sheet metal shall be cold rolled furniture stock steel that has been properly annealed and process leveled and has smooth clean surfaces. Gauges specified below are U. S. Standard, and are the minimum that will be acceptable under the contract. Mineral board shall conform with Federal Specification No. SS W 51A and shall be at least 1/4" thick.

4 Posts

The posts shall be integral with the panel end formed by roller dies from No. 16 Ga. steel. One piece, four point bearing link plates placed approximately 24" apart shall be used to lock and align posts in field assembly. These link plates shall also be designed to receive the snap-on pilaster cover. All connections used in field assembly shall be concealed.

5 Panels

Panels shall be flush, with projections of post and pilaster cover not to exceed 1/8". Panel plates shall be No. 20 Ga. steel spaced a minimum of 2 3/4" apart and permanently bonded to 1/2" thick sound-deadening fire retardant insulation boards, sealed to prevent warp and buckle. Panel assemblies shall have approximately 1 3/4" dead air space between.

6 Rails

Rails shall be flush with posts and of No. 20 Ga. steel. Where rails receive glass the stops shall be integral with the rail. (Vertical snap-on glazing stops to be provided on posts).

7 Post Covers

Post covers shall be roller die formed of No. 20 Ga. steel and designed to snap on over concealed link plates. They shall be flush with posts and permit of easy removal for wiring and for two, three or four way extensions.

8 Plinths

Plinths shall be No. 14 Ga. steel of flat design, with vertical adjustment on post cover to meet floor irregularities.

9 Base

Base shall be of No. 18 Ga. steel 6" high, of flat design and with vertical adjustment to floor. Each side to be independently removable for access to lighting, telephone and annunciator wireways.

10 Cornice

Cornice reinforcement shall be of No. 14 Ga. Cornice trim shall be of No. 18 Ga. and clip on to cornice reinforcement. Cornice designed to receive concealed electric wiring and top filler construction.

11 Top Filler

Top fillers shall be of double mineral board where Mobilwalls extend to

the ceiling. They shall be flush and neatly scribed to ceilings, beams, walls and pipes. All joints shall be filled and reinforced, and then sanded smooth. Finish on top filler shall match ceiling.

12 End Fillers

Steel end fillers of similar construction as Mobilwall panels shall be used at walls. They shall be insulated like the partition panels and tightly and securely anchored to the building wall.

13 Doors

Doors shall be 1 3/4" thick, of hollow metal and packed with sound deadening filler. There shall be not more than 3/32" clearance at head and jamb. All doors shall be provided with proper mortises and reinforcement for all hardware application. They shall be standard, one or two panel, glass or all steel type as shown on drawings. Standard lock mortise to provide for application of interchangeable hardware. Doors shall be glazed without use of loose glazing stops. Double doors shall have beveled meeting stiles with astragal. Inactive leaf shall be provided with top and bottom flush bolts. Where required "soundproof" doors shall close on felt strikes and shall be fitted with automatic compression seal at floor.

14 Transoms

Center horizontal pivot transoms shall be furnished as shown on drawings. Operation of transoms shall be by means of concealed operators. In the soundproof type transoms shall close on felt strikes.

15 Hardware

Hardware shall be of Mobilwall manufacturer's standard, which shall provide for ready interchange of locks covering the various operations required. Doors shall be hung on one pair of 5" x 4" ball bearing anti-friction wrought steel butts.

16 Electrical Provisions

Provision shall be made for easy wiring through all vertical and horizontal members. Cutouts for switches and receptacles and installation of same shall be in base or post covers as shown on plan. Wireway base with raceways shall be readily accessible for wiring. All wiring BX cable by others.

17 Finish

17-1 All surfaces shall be properly cleaned of all oil, grease and dirt, and shall be dry before the application of finish. All surfaces shall then receive a coat of rust-resisting paint, baked on and sanded smooth. Flat color finish shall consist of two coats of color as specified, each baked.

17-2 Grained finish shall consist of one coat of rust-resisting paint, baked on, followed by graining, after which two independent coats of clear flat varnish or lacquer shall be applied.

18 Glass and Glazing

Glass shall be as specified on drawings, and shall be furnished and set by this contractor. Special Mobilwall putty shall be used, and the glass bedded in putty and back puttied. Glazing stops shall be of "snap-on" type, without use of screws. Putty shall generally match color of Mobilwalls.

19 Erection

19-1 The finished work shall be strong and rigid, neat in appearance and free from defects. Plain surfaces shall be smooth and free from warp and buckle.

19-2 All Mobilwalls shall be erected plumb and true. The floor shall be leveled with shims to insure level of all horizontal lines. Mobilwalls shall be erected on top of finished floor covering. Floor to ceiling reinforcements shall be provided in all otherwise unsupported runs of over 20 ft. in length. All hardware shall be properly adjusted and left in perfect working order. All metal surfaces shall be cleaned and left free of scratches or abrasions. Glass shall be cleaned by others after putty has properly set.

SEMI-FLUSH SOUND INSULATED (Type SF-1)

This specification is the same as Semi-Flush Standard Insulated Mobilwalls (Type SF-3) except as follows:

5 Panels

Panels shall be flush with projections of post and pilaster cover not to exceed 1/8". Panel plates shall be No. 20 Ga. steel spaced a minimum of 2 3/4" apart and permanently bonded to 1/2" thick sound deadening fire retardant insulation boards, sealed to prevent warping and buckling. Panel assemblies shall be packed solidly with inorganic, verminproof insulating filler material.

11 Top Filler

Top fillers shall be of double mineral board where Mobilwalls extend to the ceiling. They shall be flush and neatly scribed to ceilings, beams, wall and pipes and solidly packed with inorganic verminproof insulating filler material. All joints shall be filled and reinforced, and then sanded smooth. Finish on top fillers shall match ceiling.

18 Glass and Glazing

18-1 Glass shall be as specified on drawings, and shall be furnished and set by this contractor. Special Mobilwall putty shall be used, and the

glass bedded in putty and back puttied. Glazing stops shall be of "snap-on" type, without use of screws. Putty shall generally match color of Mobilwalls.

18-2 Glass shall be double glazed and set in removable frames for easy cleaning.

19 Erection

19-1 The finished work shall be strong and rigid, neat in appearance and free from defects. Plain surfaces shall be smooth and free from warp and buckle.

19-2 All Mobilwalls shall be erected plumb and true. The floor shall be leveled with shims to insure level of all horizontal lines. Mastic or felt seal shall be provided at floor and all wall fillers. Mobilwalls shall be erected on top of finished floor covering. Floor to ceiling reinforcements shall be provided in all otherwise unsupported runs of over 20 ft. in length. All hardware shall be properly adjusted and left in perfect working order. All metal surfaces shall be cleaned and left free of scratches or abrasions. Glass shall be cleaned by others after putty has properly set.

(Similar Specification on Fireproof Construction (Type SF-2) Identical in Appearance. Details on Request).

SNEAD MOVABLE PARTITION SPECIFICATION

(TYPE M-1)

(Type M-2 Specification identical except that panels (Par. 5) shall be a single 18 Ga. steel sheet).

1 General

1-1 Furnish and erect complete Sneed & Company's standard moulded type, sound retarding 2" thick movable steel partitions (Type M-1).

1-2 Partitions shall be movable and of hollow metal type.

1-3 All door units and panels shall be interchangeable with panel units of like size. Units shall be arranged to present the most symmetrical appearance using standard panel widths. Double steel end fillers shall be used on walls, and the space above the partition panels shall have double mineral board fillers to ceilings, underside of ceilings, beams and/or girders. They shall be so constructed and assembled as to permit the easy future extension of two or three or four way conditions without the use of special mouldings, fillers or adapters or removal of adjacent units.

2 Shop Drawings

Shop drawings shall be submitted in duplicate showing the proposed partition arrangement, elevations, gauges of various members, finish, hardware and details of any special conditions before fabrication.

3 Materials

Concealed structural members shall be of steel. All exposed sheet metal shall be cold rolled furniture stock steel that has been properly annealed and process levelled, and has smooth, clean surfaces. Gauges specified below are U. S. Standard and are the minimum that will be acceptable under the contract. Mineral board shall conform with Federal Specification No. SS W 51A and shall be at least 1/4" thick.

4 Posts

The posts shall be integral with the panel ends, and formed by roller dies from No. 16 gauge steel. Link plates, placed approximately 24" apart, shall be used to lock and align posts in field assembly. These link plates shall also be designed to receive a "snap-on" pilaster cover. All connections used in field assembly shall be concealed.

5 Panels

Partitions shall be of panel type, with panels constructed of two No. 20 Ga. steel sheets permanently bonded to a 5/16" thick sound deadening, fire retarding insulation board, sealed to prevent warp and buckle. Panel assemblies shall be rigid and approximately 3/8" thick.

6 Rails

Rails shall be of the moulded type, roller die formed of No. 20 Ga. steel.

7 Post Covers

Post covers shall be roller die formed of No. 20 Ga. steel, and designed to snap on over concealed link plates. They shall be of moulded design and permit of easy removal for wiring and for two, three or four way extensions.

8 Plinths

Plinths shall be No. 14 Ga. steel, of moulded design, with vertical adjustment on post cover to meet floor irregularities.

9 Base

Base shall be No. 20 Ga., moulded type, approximately 8" high and shall be fitted with raceway for wiring. It also shall be fitted with a channel type mop mould of telescopic design to take up any irregularities of the floor.

10 Cornice

Cornice shall be of moulded design, No. 20 Ga. and run continuously over panel units. Cornice reinforcement of No. 11 Ga. approximately 36" long, shall be used at joints. All joints shall be further aligned by 6" splice plates in back. Cornice shall also be designed to receive concealed electric wiring and top filler construction.

11 Top Filler

Top fillers shall be of double mineral board where partitions extend to the ceiling. They shall be flush and neatly scribed to ceilings, beams, walls and pipes. All joints shall be filled and reinforced and then sanded smooth. Finish on top filler shall match the ceiling.

12 End Fillers

Steel end fillers shall be of double steel construction, No. 20 Ga., spaced apart approximately 2". They shall be tightly and securely anchored to the building wall. They shall have the same sound retardant qualities as the panels.

13 Doors

Doors shall be 13/4" thick, of hollow metal panel type, packed with sound deadening filler. There shall be not more than 3/32" clearance at head and jams. All doors shall be provided with proper mortises and reinforcement for all hardware application. They shall be one or two panel, open for glass or all steel type, as shown on plans with standard lock mortises to provide for application of interchangeable hardware. Doors shall be glazed by the use of one horizontal removable glazing stop to be held in place by bronze screws. Double doors shall have bevelled meeting stiles with astragal. Inactive leaf shall be provided with top and bottom flush bolts.

14 Transoms

Center horizontal pivot transoms shall be furnished and operation shall be by means of friction pivots or concealed operators, as shown on the plans.

15 Hardware

Hardware shall be of partition manufacturer's standard. It shall provide for ready interchange of locks covering the various operations required. Doors shall be hung on one pair of 4" x 4" ball bearing anti-friction wrought steel butts.

16 Electrical Provisions

Provisions shall be made for easy wiring through all vertical and horizontal members. Cutouts for switches and receptacles and installation of same shall be in the post cover, as shown on the plans. Fish type wireway base shall be readily accessible for wiring. All wiring BX cable by others.

17 Finish

17-1 All surfaces shall be properly cleaned of all oil, grease and dirt, and shall be dry before the application of finish. All surfaces shall then receive a coat of rust-resisting paint, baked on and sanded smooth. Flat color finish shall consist of two coats of color as specified, each baked.

17-2 Grained finish shall consist of one coat of rust-resisting paint, baked on, followed by graining, after which two independent coats of clear flat varnish or lacquer shall be applied.

18 Glass and Glazing

Glass shall be as specified on drawings, and shall be furnished and set by this contractor. Special metal partition putty shall be used, and the glass bedded in putty and back puttied. Glazing stops shall be of "snap-on" type, without use of screws. Putty shall generally match color of partitions.

19 Erection

19-1 The finished work shall be strong and rigid, neat in appearance and free from defects. Plain surfaces shall be smooth and free from warp and buckle.

19-2 All partitions shall be erected plumb and true. The floor shall be leveled with shims to insure level of all horizontal lines. Partitions shall be erected on top of finished floor covering. Floor to ceiling reinforcements shall be provided in all otherwise unsupported runs of over 20 ft. in length. All hardware shall be properly adjusted and left in perfect working order. All metal surfaces shall be cleaned and left free of scratches or abrasions. Glass shall be cleaned by others after putty has properly set.

SNEAD HOSPITAL CUBICLES

FLUSH (Type H-1)

1 General

1-1 Furnish and erect complete Sneed & Company's standard flush 2" thick cubicles (Type H-1).

1-2 The cubicle shall be constructed so as not to show any exposed screws.

1-3 The cubicle shall be open 12" from the floor, steel to a height of 42", and glass above to the cornice height. The panels shall be fastened to the wall approximately 12" off the finished floor and at a point opposite the cornice.

2 Shop Drawings

Shop drawings shall be submitted in duplicate showing the proposed cubicle arrangement, elevations, gauges of various members, finish and details of any special conditions before fabrication.

3 Materials

All concealed structural members shall be of steel. All exposed sheet metal shall be cold rolled furniture stock steel that has been properly annealed and process levelled and has smooth, clean surfaces. Gauges specified below are U. S. Standard and are the minimum that will be acceptable under the contract.

4 Posts

Posts shall be 2" square No. 16 Ga., tubular, with a groove on one side to receive glass. Posts shall be plain without any dust collecting recesses.

5 Floor Shoes

All posts that rest on the floor are to have a floor shoe 2 1/2" high, of white bronze—polished, or brass chromium plated castings. The shoe shall have adjustment provision to take care of irregularities in the floor.

6 Panels

Panels shall be 2" thick flush with the face of the post. The top and bottom of the panel shall be formed to present a non-dust collecting finished nosing. This nosing shall be integral with the panel. No separate rails shall be permitted. Panels shall be No. 20 Ga. steel reinforced, with horizontal steel members spaced approximately 12" apart and electrically welded to panel every 3". Inside of panels are to be coated with non-hardening fibre bearing mastic, to prevent metallic noise, and packed solidly with inorganic, vermin-proof insulating filler material, with a minimum density of 3 lbs. per cubic

foot. Edges of panels shall be formed to interlock on the glass groove face of the post.

7 Cornice

Cornice shall be No. 18 Ga., continuous over the top of the panel, of a plain design. The same cornice shall also be used as a head rail over the front of the cubicle. Cornice shall be arranged to receive ball bearing, non-friction type curtain hanger on either side of the glass, also in the head rail when it is used as such. The cornice shall be capped with a removable cover, sealing it against dust and dirt.

8 Curtains

Curtains shall be furnished "by others."

9 Electrical Provisions

Provisions shall be made for easy wiring through the cornice and the posts.

10 Finish

10-1 All surfaces shall be properly cleaned of all oil, grease and dirt, and shall be dry before the application of finish. All surfaces shall then receive a coat of rust-resisting paint, baked on and sanded smooth. Flat color finish shall consist of two coats of color as specified, each baked.

10-2 Grained finish shall consist of one coat of rust-resisting paint, baked on, followed by graining, after which two independent coats of clear flat varnish or lacquer shall be applied.

11 Glass and Glazing

Glass shall be as specified on the drawings and a minimum of 1/4" thick and shall be furnished and set by this contractor. Special metal cubicle putty shall be used and the glass bedded in putty and back puttied. Glazing stops shall be of the "snap-on" type without the use of screws. Putty shall generally match the color of the cubicle.

12 Erection

12-1 All cubicles shall be erected plumb and true. The unevenness in the floor shall be compensated for with the adjustment provision in the floor shoe, to insure level of all horizontal lines.

12-2 Cubicles shall be erected on top of finished floor covering. All metal surfaces shall be cleaned and left free of scratches or abrasions.

12-3 Glass shall be cleaned by others after putty has properly set.

SNEAD & COMPANY

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